

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L56	3708	(606/4-12).OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/04 15:14
L55	14	withdraw\$3 and 54	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 14:50
L54	35	(US-20080033425-\$ or US-20060122583-\$ or US- 20060253007-\$ or US- 20020016533-\$ or US- 20030036751-\$ or US- 20060004347-\$ or US- 20060004306-\$ or US- 20070043341-\$ or US- 20090299440-\$ or US- 20090131922-\$ or US- 20040015159-\$ or US- 20040010204-\$ or US- 20030097122-\$ or US- 20040176758-\$ or US- 20080065064-\$ or US- 20020045732-\$ or US- 20030236517-\$ or US- 20050288655-\$ or US- 20050131400-\$).did. or (US-5349954-\$ or US- 7217266-\$ or US- 5725522-\$ or US- 5540677-\$ or US- 5207670-\$ or US- 5071417-\$ or US- 4967745-\$ or US- 4913142-\$ or US- 4669467-\$ or US- 5304173-\$ or US- 7524316-\$ or US- 7322976-\$ or US- 5910155-\$ or US- 4929246-\$ or US- 7279001-\$ or US- 5415657-\$).did.	OR	ON	2010/11/04 14:50	

L53	42	49 and ((lumen vascular vein artery luminal wall) with (hole puncture opening)) and (laser light) and 25	USPAT	OR	ON	2010/11/04 14:02
L52	77	49 and ((lumen vascular vein artery luminal wall) with (hole puncture opening)) and (laser light)	USPAT	OR	ON	2010/11/04 14:02
L51	145	49 and ((lumen vascular vein artery luminal wall) with (hole puncture opening))	USPAT	OR	ON	2010/11/04 14:01
L50	130	49 and ((lumen vascular vein artery luminal wall) with (hole puncture))	USPAT	OR	ON	2010/11/04 14:01
L49	176	("4929246").URPN.	USPAT	OR	ON	2010/11/04 13:58
L48	1	("4,929,246").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/04 13:55
L47	1	("20050131400").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/04 13:37
L46	7	38 and ((withdraw\$3 pull \$3 retract\$3) with (simultaneous\$2 during)) and (heat\$3 overheat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 13:35
L45	8	38 and ((withdraw\$3 pull \$3 retract\$3) with (simultaneous\$2 during))	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 13:34
L44	4	38 and withdraw\$3 and hole	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 13:30
L43	10	38 and withdraw\$3 and 19	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 13:29
L42	10	38 and withdraw\$3	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 13:27
L41	1	39 and withdraw\$3	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 13:27
L40	1049	((withdraw\$3) same (L19 same (hole aperture perforation)) and (L20 with (hole aperture perforation)))	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 13:26

L39	2	38 and (hole with (weld \$3 clos\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 13:21
L38	31	(US-20080033425-\$ or US-20060122583-\$ or US-20060253007-\$ or US-20020016533-\$ or US-20030036751-\$ or US-20060004347-\$ or US-20060004306-\$ or US-20070043341-\$ or US-20090299440-\$ or US-20090131922-\$ or US-20040015159-\$ or US-20040010204-\$ or US-20030097122-\$ or US-20040176758-\$ or US-20080065064-\$ or US-20020045732-\$ or US-20030236517-\$ or US-20050288655-\$).did. or (US-5349954-\$ or US-7217266-\$ or US-5725522-\$ or US-5540677-\$ or US-5207670-\$ or US-5071417-\$ or US-4967745-\$ or US-4913142-\$ or US-4669467-\$ or US-5304173-\$ or US-7524316-\$ or US-7322976-\$ or US-5910155-\$).did.	US-PGPUB; USPAT	OR	ON	2010/11/04 13:21
L37	40	34 and (20 same ((lumen wall) with hole))	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 13:11
L35	127	34 and (20 same (hole))	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 13:11
L34	397	(20 same 27) and 25	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 13:10
L33	66	29 and (((25 fiber guide) with (retract\$3 remov\$3 retreat\$3)) same (radiat \$3 irradiat\$3 weld\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 13:05
L32	556	29 and ((25 fiber guide) with (retract\$3 remov\$3 retreat\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 13:04

L31	378	29 and (25 same (retract \$3 remov\$3 retreat\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 13:04
L29	1999	20 and 27 and 25	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 13:03
L28	11119	20 and 27	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 13:02
L27	89397	weld\$3 same (laser light)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 13:02
L26	60	24 and L25	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 12:52
L25	398441	waveguide ((optical optic light laser) near (fiber guide))	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 12:52
L24	987	((advanc\$4 retract\$4) same (L19 same (hole aperture perforation))) and (L20 with (hole aperture perforation))	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 12:52
L23	3498	((advanc\$4 retract\$4) same (L19 same (hole aperture perforation))) and L20	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 12:51
L22	1	17 and ((advanc\$4 retract \$4) same (L19 same (hole aperture perforation))) and L20	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 12:50
L21	5	17 and ((advanc\$4 retract \$4) same (L19 same L20))	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 12:43
L20	819123	vessel artery vein vasculature	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 12:43
L19	3658344	weld\$3 closing closure close	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 12:43
L18	23	17 and (advanc\$4 retract \$4)	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/04 12:42

L17	28	(US-20080033425-\$ or US-20060122583-\$ or US-20060253007-\$ or US-20020016533-\$ or US-20030036751-\$ or US-20060004347-\$ or US-20060004306-\$ or US-20070043341-\$ or US-20090299440-\$ or US-20090131922-\$ or US-20040015159-\$ or US-20040010204-\$ or US-20030097122-\$ or US-20040176758-\$ or US-20080065064-\$ or US-20020045732-\$).did. or (US-5349954-\$ or US-7217266-\$ or US-5725522-\$ or US-5540677-\$ or US-5207670-\$ or US-5071417-\$ or US-4967745-\$ or US-4913142-\$ or US-4669467-\$ or US-5304173-\$ or US-7524316-\$ or US-7322976-\$).did.	US-PGPUB; USPAT	OR	ON	2010/11/04 12:42
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EAST Search History (Interference)

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11/4/2010 3:15:12 PM**C:\ Documents and Settings\jlipitz\My Documents\EAST\Workspaces\Sheath removal hole closing device.wsp**